

Figure 1

SEQ ID NO:29	1	MADKE-----NCIRVTRLAKKRAVEAMAASEQORPS---KKRVVLGEL-----	60
SEQ ID NO:2		-----GIPGVDPRV---RPRAV-----	
SEQ ID NO:29	61	-----KNLSSN-----	120
SEQ ID NO:2		-----	
SEQ ID NO:29	121	-----ISSIQT-----DFSSGPQKQKKNKRKAKESL	180
SEQ ID NO:2		-----	
SEQ ID NO:29	181	-----KVEEAGIDVFSQSDDPQMCAYVSDIYEYLHKMEMETKRRP	240
SEQ ID NO:2		-----APADQLSGSYASDIYTYLRSLEVDPQRRS	
SEQ ID NO:29	241	LPDYLDKVQKDV TANMRGVLI DWLVEVAEEYKLLPDTL YLTVSYIDRFLSMNALSRQKLQ	300
SEQ ID NO:2		RSDYIEAVQADVTAHMR SILVDWLVEVAEEYKLVADTL YLTISYVDRFLSVNALGRDKLQ	
SEQ ID NO:29	301	LLGVSSMLIA SKYEEISPPHVEFCYITDNTYKKEEVVKMEADV LKFLKFEMGNPTIKTF	360
SEQ ID NO:2		LLGVASMLIAAKFEEISPPHPEFCYITDNTYTK EELLKMESDILKLLKFELGNPTIKTF	
SEQ ID NO:29	361	LRRLTRVVQDGDKNP NLQFEFLGYLAELSLLDYGCVKFLPSLIASSVIFLSRFTLQPKV	420
SEQ ID NO:2		LRRFIRSAHEDKKGSI LLMEFLGSLAELSLLDYGCLRFLPSVVAASVMFVARPDIDPNT	
SEQ ID NO:29	421	HPWNSLLQHNSGYKPADLKECVLI IHDLQLSKRGSSLVAVRD KYQHKEKCVSTLTAPPS	480
SEQ ID NO:2		NPWNTKLQKMTGYKVSELKDCIVAIHDLQLNRKCPSLTAIRD KYQHKEKCVSLILVPVV	
SEQ ID NO:29	481	IPDEFFED---	492
SEQ ID NO:2		IPTS YFEDLAE.	

Figure 2

SEQ ID NO: 30	1	M--RSYRFS DY L H M S V S F S N D M D L F C-----	60
SEQ ID NO: 8		M--GDAAST-----SAP T T P T S I L I C-----	
SEQ ID NO: 10		H--ELTASS-----L C-----	
SEQ ID NO: 12		M--SVSCLSDY-----D L L C-----	
SEQ ID NO: 14		-----	
SEQ ID NO: 30	61	-----GEDSGV-----FSGESTV-----DFSSEVD SWPGD-----	120
SEQ ID NO: 8		-----LEDGSD-----LLADADD-----GAG T D L V V A R D E R L L V V D-----	
SEQ ID NO: 10		-----	
SEQ ID NO: 12		-----GEDSSG-----I L S G E S P-----E C S F S D I D S \$ P P P S P T T-----	
SEQ ID NO: 14		-----ARAG-----I M D S - S P-----E C S - S D L D S \$ P P S E A E-----	
SEQ ID NO: 30	121	-----SIACFIEDER-TFVPGH D Y L S R-----FQ	180
SEQ ID NO: 8		-----QDEEYVALLSKES-A-SGGG G P V E E-----M E	
SEQ ID NO: 10		-----	
SEQ ID NO: 12		-----EDCYSIASFIEHER-NFVPGFEYLSR-----FQ	
SEQ ID NO: 14		-----SIAGFMEDE R -N F V P G F E Y L N R-----FQ	
SEQ ID NO: 30	181	TRSLDASAREE--SV--AWILKVQAYYNFQPLSAYLAVNYMDRFLYARRLP-ETSGWPMQ	240
SEQ ID NO: 8		DWM--KAARSG--CV--RWIIKTTAMFRFGGKTAYVAVNYLDRFLAQRVNRE-HAWGLQ	
SEQ ID NO: 10		-WL--Q-----TNAGFRFSLKTA Y V A V T Y L D R F L A R R C V D R D -K E W A L Q	
SEQ ID NO: 12		S R S L D A N A R E E --S V --G W I L K V H A Y Y G F Q P L T A Y L A V N Y M D R F L D S R R L P -E T N G W P L Q	
SEQ ID NO: 14		S R S L D A S A R E E --S V --A W I L K V Q A Y Y A F Q P V T A Y L S V N Y L D R F L N S R P L P P K T N G W P L Q	
SEQ ID NO: 30	241	LLAVACLSLAAKMEEILVPSLFDQVAGVKYLF E A K T I K R M E L L-----VLSVLDWRL	300
SEQ ID NO: 8		LLMVACMSLATKLEEH H A P R L S E F P L D A C E F A F D S A S I L R M E L L-----V L G T L E W R M	
SEQ ID NO: 10		LLSVACLSLAAKVEERRPRLPEFKLDM---YDCASLMRMELL-----V L T T L K W Q M	
SEQ ID NO: 12		LVSVACLSLAAKMEELVPSLLDLQIEGAKYI F E P T I R R M E L L-----V L G V L D W R L	
SEQ ID NO: 14		LLSVACLSLAAKMEESLVP S L L D L Q V E G A K Y V F E P K T I R R M E L L-----V L G V L D W R L	

SEQ ID NO:30	301	RSVTPFDFISFFAYKIDLRVPFSGSL-SPMLQSIILSNIKEASFLEY----	360	WPSSIAAAAI
SEQ ID NO:8		IATPFPYISYFAARFRETSA--GRILMRAVECVFAAIKVISSVEX----		RPSTIAVASI
SEQ ID NO:10		ITETPFSYLNCFATAFRHDER--KAIVLRAIECIFASIKVISSVGY----		QPSTIALAAI
SEQ ID NO:12		RSVTPLCFLAFFACKVDSTGTGFIIRFLISRATEIIVSNIQEASFLEY----		WPSCIAAAAI
SEQ ID NO:14		RSVTPFSFLDFFACKLDSTGTGFTGFLISRATQIILSNIQEASFLEY----		WPSCIAAAAI
SEQ ID NO:30	361	LCVANELPSLSSVNPHEPETHWCDGLSKEKIVRCYRLMKAMAIENNRLNTP--	420	KVIAKL
SEQ ID NO:8		L-----		
SEQ ID NO:10		L-----		IARNKETAPNLDELSVH
SEQ ID NO:12		LTAANEIPNWS-VVKP-ENAESWCEGLRKEKVIIGCYQLMQELVINNNQKLP		LLKVLQPQL
SEQ ID NO:14		LHAANEIPNWS-LVRP-EHAESWCEGLRKEKIIIGCYQLMQELVIDNNQKPP--		KVLQPQL
SEQ ID NO:30	421	RVSVRAS---STLTR--PSDESS-----	470	SPCKRRKLSGYSWVGDETSTS-N
SEQ ID NO:8		-----		
SEQ ID NO:10		RLAPWQLMML-----		
SEQ ID NO:12		RVTTRTRMRSSSTVSSF--SSSSSTSFSLCKRRKLNRLWVDD-KGNSE.		
SEQ ID NO:14		RVTISRPIMRSSVSSFLASSSSPSSSLSCRRRKLNNSLWVDDDKGNSQ.		

Figure 3

SEQ ID NO: 31	1	MAADNIYDFVASNLLCTETKSLCFDDVDS--LTISQQNI-----ETKSKDL-SFNN---	60
SEQ ID NO: 18		-----	
SEQ ID NO: 22		HLRA-----	
SEQ ID NO: 31	61	-----GIRSEPLIDLPS---LSEELSMVQREMEFLPKDDYVERLRS--GDLDLS-VRK	120
SEQ ID NO: 18		-----DL---FPPQSEECVAGLVERERDHPGPGCYGDRLRG--GGCLC-VRR	
SEQ ID NO: 22		-----TRGCP-----RPVRRDHPSSDLTASTK	
SEQ ID NO: 31	121	EALDWILKAHMYGFGELSFCLSYLDRLFSLYELPRSKTWTVQLLAVACLSLAAKME	180
SEQ ID NO: 18		EAVDWIKAYTHRRFRPLTAYLAVNYLDRFLSLSEVPDCKDWMTQLLAVACVSLAAKME	
SEQ ID NO: 22		-----MXF-----	
SEQ ID NO: 31	181	INVPLTVDLQ-VGDPKFVFEGKTIQRMELLVLSTLKWRMQAYTPYTFIDYFMRKMN--GD	240
SEQ ID NO: 18		TAVPQCLDLQEVGDARYVFEAKTVQRMELLVLTTLNWRMHAVTPFSYVDYFNLKLNNGS	
SEQ ID NO: 22		-----EANSAFEARTIKVMELLVFSTLKWRMQAVTACSFIDYFLCKFND--H	
SEQ ID NO: 31	241	QIPSRPLISGSMQLILSIIRSIDLEFRSSEIAAS--VAMSVSGEIQAKDI-DKAMPCFF	300
SEQ ID NO: 18		TAPRSCWLLQSAELILRAARGTGCVGFRPSEIAAA--VAAAAGVDVDDADGVENACC--	
SEQ ID NO: 22		DTPSMLAFSCSTDILSTTKXADFLVFRHSEIAGSVALPSFGEHKTSVVEMATTNCK---	
SEQ ID NO: 31	301	IHLDKGRVQKVELIQDLTTATITAA-----AASLVPQSPIGVLEAAACLSYK	360
SEQ ID NO: 18		AHVDKERVLRCQEAIGSMASAAIDDATVPPKSARRRSSPPVPQSPVGLDAAAPCLSYR	
SEQ ID NO: 22		-YINKG--VXCDRKDPD-----EV---LPLWNA-----	
SEQ ID NO: 31	361	SGDERTV--GSCTTSSHT-----KRRKLDTSSEHG-----TSE--KL	420
SEQ ID NO: 18		SEEAATATATSAASHGAPGSSSSSTSPVTSKRRKLASRCDCGSCSDRSKRAPAQWTK	
SEQ ID NO: 22		-----YL-----KFLRDM-----L	

